OBLON, SPIVAK, ET AL DOCKET #: 209291US0 INV: Hiroyuki NAGASAWA, et al. SHEET 1 OF 7

Fig.1

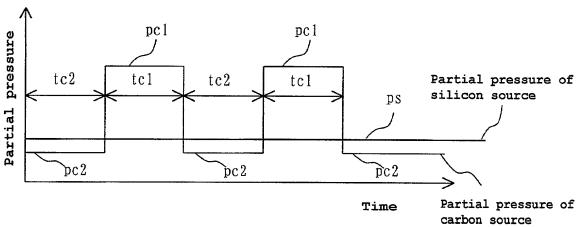


Fig.2

## Condition 2

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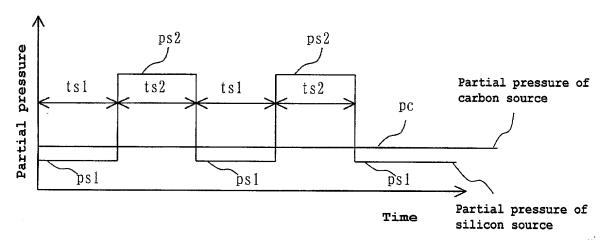


Fig.3

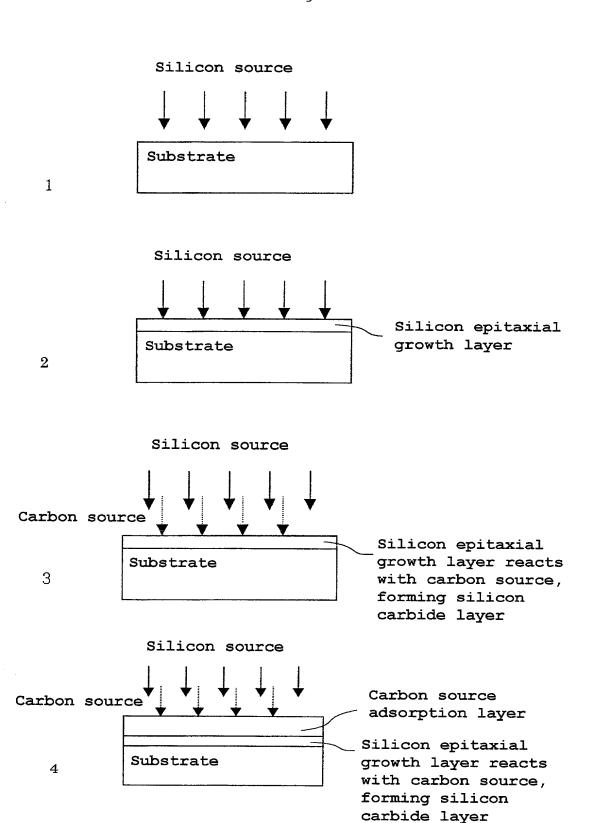
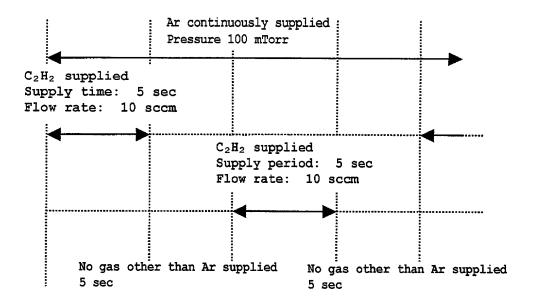
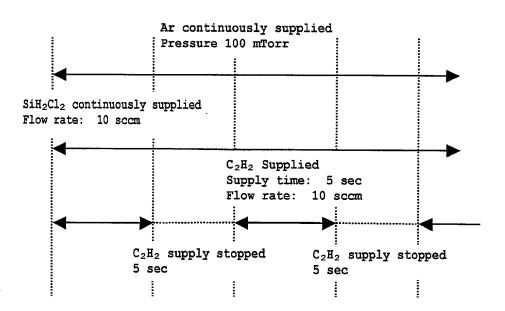


Fig.4



Time -

Fig.5

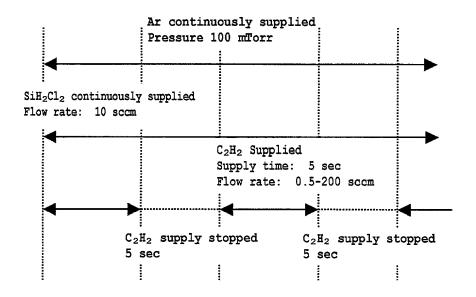


Time ----

1=1

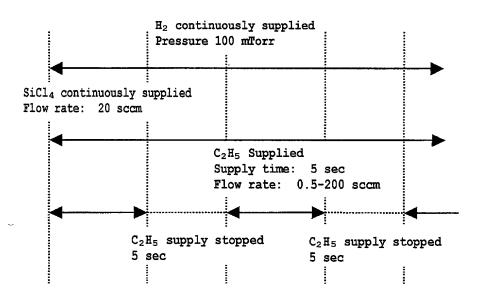
OBLON, SPIVAK, ET AL DOCKET #: 209291US0 INV: Hiroyuki NAGASAWA, et al. SHEET 4 OF 7

Fig.6



Time ----

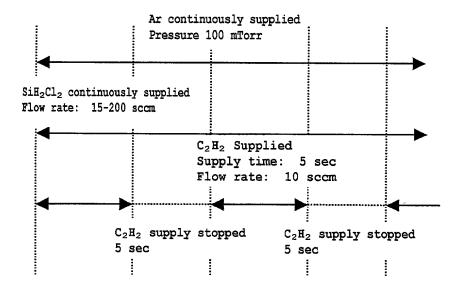
Fig.7



Time ----

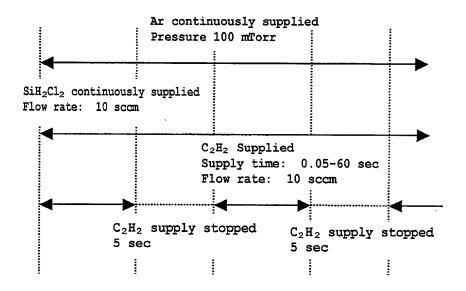
OBLON, SPIVAK, ET AL DOCKET #: 209291US0 INV: Hiroyuki NAGASAWA, et al. SHEET <u>5</u> OF <u>7</u>

Fig.8



Time —

Fig.9



Time ----

Fig.10

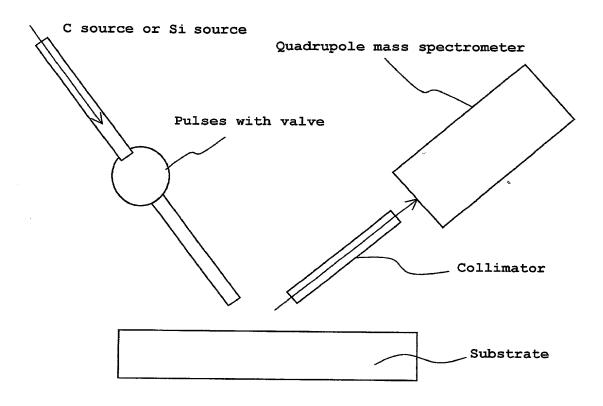
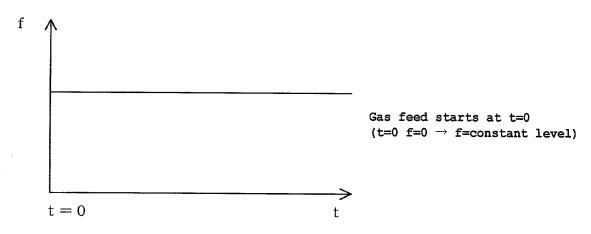


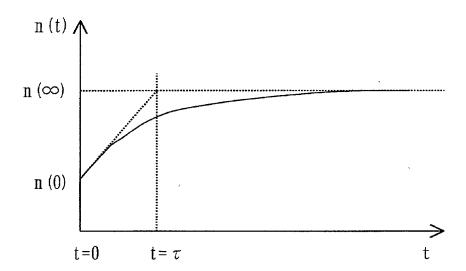
Fig.11



Change over time in gas supply

OBLON, SPIVAK, ET AL DOCKET #: 209291US0 INV: Hiroyuki NAGASAWA, et al. SHEET <u>7</u> OF <u>7</u>

Fig.12



Change over time (relative value) of number of molecules desorbed from substrate as measured by quadrupole mass spectrometry